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[Short Communication]

The first description of a male of *Cnodalia halpax* (Araneae: Araneidae)

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Abstract — A male of *Cnodalia harpax* Thorell 1890 is described for the first time using the specimen collected from Amami-ôshima Is. Eextremely long anterior claws on tarsi I and II, the most spectacular feature of female of this spider, are also provided in male.

Key words — taxonomy, *Cnodalia harpax*, long claw, male, Japan, Amami-ôshima

Cnodalia harpax was described as a new genus and species by Thorell (1890) using a single specimen, a female holotype, from Sumatra. In my pervious paper (Tanikawa 2006), I recorded this spider from Japan using several female and juvenile specimens collected from Amami-ôshima Is. and Okinawajima Is. after an interval of 116 years from its original description. Recently I examined the male specimen of this species collected from Amami-ôshima Is. and will describe it in this paper for the first time.

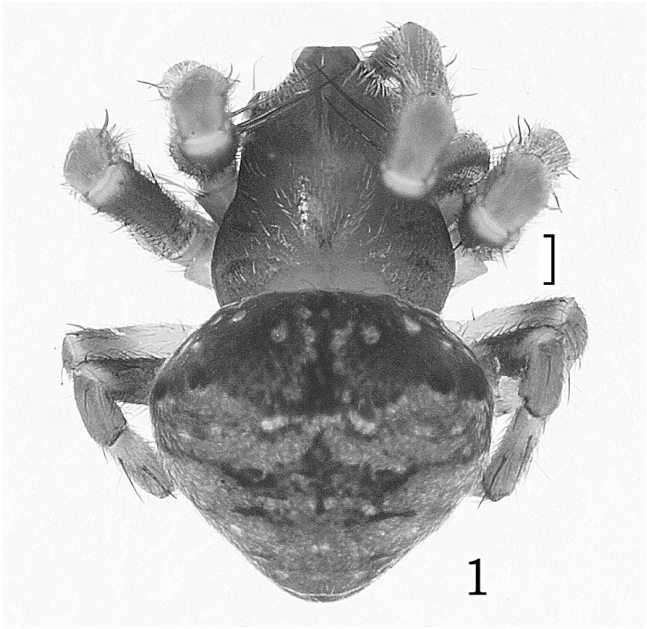

Fig. 1. Male of *Cnodalia harpax* Thorell 1890, dorsal view (NSMT-Ar 6850). (Scale: 0.25 mm.)

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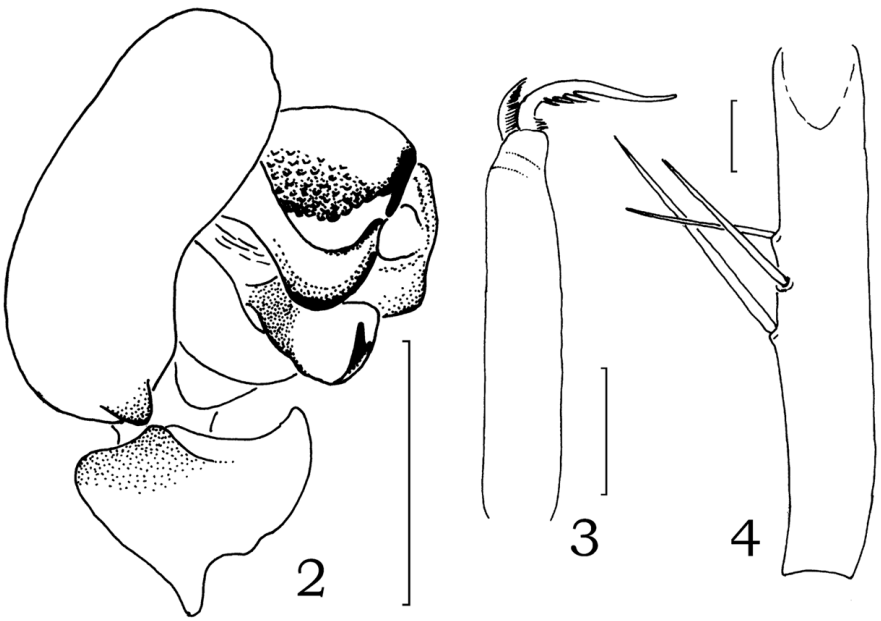

Figs. 2–4. *Cnodalia harpax* Thorell 1890 — 2, Male left palp, ventral view; 3, male left tarsus I, prolateral view; 4, male, left femur I, ventral view. (NSMT-Ar 6850; scales: 0.25 mm.)

Description
Cnodalia harpax Thorell 1890
[Japanese name: Tsumenaga-onigumo]
(Figs. 1–4)

Cnodalia harpax Thorell 1890, p. 116 [female holotype from Sumatra, preserved in Museo Civico di Storia Naturale, Giacomo Doria, Genova, not examined]; Murphy & Murphy 2000, p. 89, fam. 15: fig. 5; Tanikawa 2006, p. 21, figs. 1–8.

Specimen examined. 1♂, Kinsakubaru, Amami-ôshima Is, Kagoshima Pref., Japan, 7-III-2007, N. Kojima leg. (NSMT-Ar 6850).

Description. Coloration and markings. Male (Fig. 1): carapace brown with white pubescence; dorsum of abdomen dark brown, mottled with white and pale red.

Measurements (in mm). Body 2.93 long. Carapace 1.65 long; 1.32 wide. Length of legs [tarsus＋metatarsus＋tibia ＋patella＋femur＝total]: I, 0.58＋0.96＋1.04＋0.75＋1.85 ＝5.18; II, 0.53＋0.91＋0.93＋0.69＋1.60＝4.66; III, 0.31 ＋0.53＋0.44＋0.40＋0.85＝2.53; IV, 0.35＋0.58＋0.62＋ 0.49＋1.13＝3.17. Abdomen 1.62 long; 1.84 wide.

Male. Carapace longer than wide (length divided by width 1.25). Median ocular area wider than long (length divided by width 0.80); wider behind than in front (anterior width divided by posterior width 0.88); posterior median eyes slightly projecting (Fig. 1). Labium longer than wide (length divided by width 0.82). Sternum as long as wide. Male palp as shown in Fig. 2. Length of leg I divided by length of carapace 3.14. Tarsus I and II each with very long anterior claw (Fig. 3), apically with membranous part (Fig. 3), femur I anteriorly with three long spines (Fig. 4). Abdomen wider than long (length divided by width 0.88).

Distribution. Japan (Amami-ôshima Is. and Okinawa-jima Is.), Indonesia (Sumatra Is.)

Remarks. In general appearance, male of this species resembles that of *Pronoides brunneus* Schenkel 1936, but can be easily distinguished from the latter by the extremely long tarsal claws of legs I and II.

References

Murphy, F. & Murphy, J. 2000. An Introduction to the Spiders of South East Asia with Notes on all the Genera. Malaysian Nature Society, Kuala Lumpur, 625pp., 32pls.

Tanikawa, A. 2006. Rediscovery of *Cnodalia halpax* (Araneae: Araneidae) after an interval of 116 years. Acta Arachnol., 55: 21–22.

Thorell, T. 1890. Studi sui ragni Malesi e Papuani. IV, 1. Ann. Mus. Civ. Stor. Nat. Genova, 28: 1–419.

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